Welcome to this August 2019 edition of the FAO Aquaculture e-bulletin, covering our most recent news, publications, technical workshops and projects for the period November 2018 to August 2019. We hope that this information can be also useful to you in your own aquaculture work.

This newsletter presents just a selection of what we do and we encourage you to visit our website www.fao.org/aquaculture and twitter account @FAOfish (https://twitter.com/FAOfish) to find out more or to contact by e-mail the officers of the FAO Fisheries and Aquaculture Department’s Aquaculture Branch responsible for the various activities.

**Highlights**

- **FAN coming of age!**
  Twenty-seven years after the Inland Water Resources and Aquaculture Service of the FAO’s Fisheries Department released the first FAO Aquaculture Newsletter (FAN), the Aquaculture Branch of the FAO Fisheries and Aquaculture Department just published its sixtieth issue. On this occasion, a special editorial reviews the dramatic changes and progress the sector has achieved, and how FAO adapted to better serve its members countries. FAN is issued twice a year. It presents articles and views from the FAO aquaculture programme and highlights various aspects of aquaculture as seen from the perspective of both headquarters and the regional and sub-regional offices in the field.
  Information: M. Halwart

  This sixtieth edition of FAN is an opportunity to review the progress and development of the aquaculture sector over the past thirty years. This issue of FAN contains an editorial on "FAN coming of age!" and four main sections on: (1) Global aquaculture updates with an article from statistician's desk providing an overview of world aquaculture production and an update with latest available 2017 global production data; one article from the fish health specialists' desk on the continued technical assistance of FAO to reduce risks and enhance capacity to counter Tilapia Lake Virus (TiLV); one article providing information on the fourth Global Conference on Aquaculture in 2020; one article on Aquatic genetic resources – Towards a global plan of action and one on the FAO-Shanghai Ocean University special workshop on social impact of rice-fish farming held in Shanghai. (2) Aquaculture updates by region offers information on ongoing projects, activities and events by region particularly: five articles for Asia- Pacific; two articles for Europe; three articles for Near
East and North Africa; three articles for Latin America and the Caribbean; seven articles for Sub-Saharan Africa. (3) There are nine thematic articles on the following subjects: (i) Contribution of aquaculture to total fishery production: the 50-percent mark; (ii) Agroecology in aquaculture; (iii) The gender triad, a new paradigm for gender mainstreaming in aquaculture; (iv) Microalgae in aquatic animal feeds; (v) The sustainable development goals and the economic contribution of fisheries and aquaculture; (vi) Evaluating the impact of aquaculture on natural radioactivity in diets; (vii) Towards guidelines on sustainable aquaculture; (viii) Guidance on social issues relative to human and labour rights in fisheries and aquaculture value chains; (ix) Future food systems and diets: where is the fish? (4) The miscellaneous section contains three contributions with the following titles: (i) Let's talk about fish. Promoting aquaculture through social media channels; (ii) Towards an updated ISSCAAP classification to better suit the needs of aquaculture; (iii) Leveraging on aquaculture to improve global nutrition. The three last sections focus on new staff profiles in the FAO Aquaculture Branch, new FAO aquaculture publications and Calendar of events. Our colleague Joanna Tool, one of the victims of the tragic crash of Ethiopian Airlines flight 302 near Addis Ababa on 10 March 2019 is also remembered in this issue.

Information: L. Dabbadie

- **The 10th Session of the COFI SCA to be held in Trondheim, Norway, from 23 to 27 August 2019**

  The COFI Sub-Committee on Aquaculture is the FAO statutory body in which Member Countries debate and make recommendations on sustainable development of the sector. The next session will take place in Trondheim, Norway, from 23 to 27 August 2019. Member States will discuss many important issues, such as how their self-assessment of the aquaculture sector's development can help other Members, the need for sustainable aquaculture guidelines, a pathway for improving aquatic biosecurity, and the role of innovations in achieving sustainable growth.

  Information: M. Halwart

- **Towards the fourth Global Conference on Aquaculture in 2020**

  "Aquaculture for Food and Sustainable Development" will be the theme of this new Global Conference on Aquaculture, ten years after "Farming the Waters for People and Food" (Phuket, Thailand) and twenty years after "Aquaculture in the Third Millennium" (Bangkok, Thailand). With aquaculture now providing more than half of the global aquatic food supplies, and increasingly contributing to the sustainability of integrated food systems, the fourth Global Conference on Aquaculture 2020 will be held in Shanghai, China, from 26 to 30 October 2020, to review the achievements and challenges in world aquaculture development and build consensus on a way forward for sustainable development of the sector. Information will be available in due course at [https://aquaculture2020.org/](https://aquaculture2020.org/)

  Information: X. Yuan

### Publications

Six World Aquaculture Performance Indicators (WAPI) information and knowledge products have been published since the beginning of 2019, including:


food safety. Fisheries and Aquaculture Technical Paper. No. 615. Rome, FAO.

Extended summary also available in:

- Arabic
- Chinese
- French
- Spanish

Information: T. Bahri


Information: C. Pulgarin

- FAO 2019. Protección social en la pesca y la acuicultura de recursos limitados en América Latina y el Caribe.

Information A. Flores

Web-based news of FIAA organized events

- FAO Expert Group met in Palermo to better understand the risks of antimicrobial resistance (AMR) in aquaculture - 26-29 November 2018, Palermo, Italy

Information: M. Reantaso

- Intensive Training Course on Tilapia Lake Virus (TiLV) kicks off in Kisumu

Information: M. Reantaso

- FAO Aquaculture Newsletter (FAN) 60 is out

Information: L. Dabbadie

- New FI publication: Understanding and measuring the contribution of aquaculture and fisheries to GDP (FATP 606)

Information: J. Cai

- Joint ASFA-UMT Conference Announcement: Enabling Grey Literature discovery to benefit aquatic sciences, fisheries and aquaculture research

Information: ASFA Secretariat

- New Release: Short brochure on microplastics in English, French, Spanish, Arabic and Chinese

Information: T. Bahri

Projects

- A new TCP project "Support to Traceability for Farmed Shrimp in Indonesia" (TCP/INS/3704) was approved for Indonesia.

Information: W. Miao

- A new GCP "Registry of Farmed Types of Aquatic Genetic Resources" (GCP/GLO/970/GER) was approved Nov 2018-Dec 2020

Information: G. Mair

Calendar of events
**Tenth Session of the Sub-Committee on Aquaculture of the Committee on Fisheries (COFI).** Trondheim, Norway 23-27 August 2019.

- **Third session of the COFI Advisory Working Group on Aquatic Genetic Resources and Technologies (COFI-AqGR/T).** Rome, Italy 20-21 August 2019.
  Information: G. Mair

- **16th Session of the Commission of Small-Scale Fisheries and Aquaculture Commission of Latin America (COPPESAALC).** Havana, Cuba, 4-6 September, 2019.
  Information: A. Flores

- **Eleventh session of the Scientific Advisory Committee on Aquaculture (CAQ).** Malaga, Spain, 10–12 September 2019.
  Information: F. Massa

- **Training on Doing Aquaculture as a Business and Governance matters for the IGAD region.** Addis Ababa, Ethiopia, 30 September – 4 October 2019.
  Information: A. Menez

  Information: W. Miao

- **International workshop on technology innovation and social impact of Integrated Agro-Aquaculture.** Shanghai, China, October 2019.
  Information: X. Yuan

- **Regional meeting on analysis of value chains for selected Mediterranean and Black Sea marine aquaculture products.** Oran, Algeria, 7 November 2019.
  Information: F. Massa

- **17th Session of the COFI Sub-Committee on Fish Trade.** Vigo, Spain, 25-29 November 2019.
  Information: M. Castro De Souza

  Information: **www.fao.org/about/meetings/sustainable-fisheries-symposium/; C. Aguado-Castillo**

- **Latin American Meeting on South-South Cooperation for Sustainable Fisheries and Aquaculture under the Blue Growth Initiative.** Merida, Mexico, 4-5 November 2019.
  Information: A. Flores

- **V Forum of Parliamentarians of Fisheries and Aquaculture of Latin America and the Caribbean.**
  Cartagena, Colombia, 28-29 November 2019.
  Information: A. Flores

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**Non-FAO events**

Information: www.aehms.org; M. Vanderknaap

- **Aqua Nor Exhibition**. Trondheim, Norway, 20-23 August 2019
  Information: www.aqua-nor.no; Mailbox

- **World Seafood Congress 2019 – Seafood supply chains of the Future**. Penang, Malaysia, 9-11 September 2019
  Information: www.wsc2019.com

- **Intergovernmental Authority on Development (IGAD) Blue Economy Conference**. Djibouti, 15-17 September 2019

- **Aquaculture Europe 2019 - Our Future: Growing from water**. Berlin, Germany, 7-10 October 2019
  Information: www.aquaees.eu

- **INFOFISH World Shrimp Trade conference and exhibition. "Modelling for Sustainability"**. Bangkok, Thailand, 12-14 Nov 2019
  Information: shrimp.infofish.org; Mailbox

- **Advanced Specialized Course in Sustainable Development of Coastal Communities**. Bari, Italy, 9 September–16 November, 2019
  Information: www.iamb.it/en/education/lifelong_learning/sustainable_development_of_coastal_communities; A. Menezes

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Visit the FAO Aquaculture Gateway page

Comments? Please write to FI-Bulletin@fao.org

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